

The 1998 Mississippi Youth Tobacco Survey

REPORTED BY
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The authors also wish to recognize the following organizations for their ongoing efforts to educate their individual states on tobacco-related issues: the Oklahoma State Department of Health, Office of Tobacco Use Prevention; the Texas Department of Health, Texas Youth Tobacco Survey Staff; and the Florida Department of Health.

Background

In the Spring of 1998, the Mississippi State Department of Health (MSDH) conducted its first Youth Tobacco Study to obtain detailed information on the knowledge, attitudes, and behaviors concerning tobacco use among middle school and high school students across the state. This report series presents the results of the 1998 Mississippi Youth Tobacco Survey.

The YTS was developed to enhance the capacity of states to design, implement, and evaluate their own tobacco prevention and control programs. The YTS comprises 54 state-approved questions designed to gather data on seven topics.

- Prevalence of tobacco use among young people
- Tobacco-related knowledge and attitudes of young people and their parents
- The role of the media and advertising in young people's use of tobacco
- Minor's access to tobacco
- Tobacco-related school curriculum
- Environmental tobacco smoke (ETS) exposure at home and in automobiles
- The likelihood of cessation of tobacco use

Method

The questionnaire for the survey was developed with input from public health researchers and state practitioners, as well as the Centers for Disease Control and Prevention. Methodology and sampling commonalities with CDC guidelines allow comparison to the YTS in other states and to national data.

The survey was conducted in the Spring of 1998 by the MSDH. Separate samples were drawn for public middle schools, as well as public and private high schools. To provide representative estimates for students in each group, a two-stage cluster sample design was used for each sample. The first stage of selection consisted of selecting schools with probability proportional to 1997/98

Definitions

Cigarette Use

The same Mississippi Youth Tobacco Survey item was used for both the high school and middle school surveys:

During the past 30 days, on how many days did you smoke cigarettes?

- a. *I did not smoke cigarettes during the past 30 days.*
- b. *1 or 2 days*
- c. *3 to 5 days*
- d. *6 to 9 days*
- e. *10 to 19 days*
- f. *20 to 29 days*
- g. *All 30 days.*

- Current smokers are those who answer that they have smoked cigarettes on one or more days in the past 30 days.
- Frequent smokers are those who answer that they have smoked cigarettes on 20 to 29 or 30 days in the past 30 days.

Smokeless Tobacco Use

The same Mississippi Youth Tobacco Survey item was used for both the high school and middle school surveys:

During the past 30 days, on how many days did you use chewing tobacco or snuff?

- a. *I did not use chewing tobacco or snuff during the past 30 days.*
- b. *1 or 2 days*
- c. *3 to 5 days*
- d. *6 to 9 days*
- e. *10 to 19 days*
- f. *20 to 29 days*
- g. *All 30 days*

- Current users are those who answer that they have used chewing tobacco or snuff on one or more days in the past 30 days.
- Frequent users are those who answer that they have used chewing tobacco or snuff on 20 to 29 or 30 days in the past 30 days.

Definitions

Cigar Use

The same Mississippi Youth Tobacco Survey item was used for both the high school and middle school surveys:

During the past 30 days, on how many days did you smoke a cigar, cigarillo, or little cigar?

- a. *I did not smoke a cigar, cigarillo, or little cigar during the past 30 days*
- b. *1 or 2 days*
- c. *3 to 5 days*
- d. *6 to 9 days*
- e. *10 to 19 days*
- f. *20 to 29 days*
- g. *All 30 days.*

- Current cigar smokers are those who answer that they have smoked a cigar, cigarillo, or little cigar on one or more days in the past 30 days.
- Frequent cigar smokers are those who answer that they have smoked a cigar, cigarillo, or little cigar on one or more days in the past 30 days.

Any Tobacco Use

- A respondent was classified as a current user of any tobacco product if he or she answered that he or she used any of the three products (cigarettes, cigars/cigarillos, or smokeless tobacco) on one or more days in the past 30 days.

school enrollment size. At the second stage, classes were randomly selected from each selected school. All students in each selected class were eligible for participation in the study.

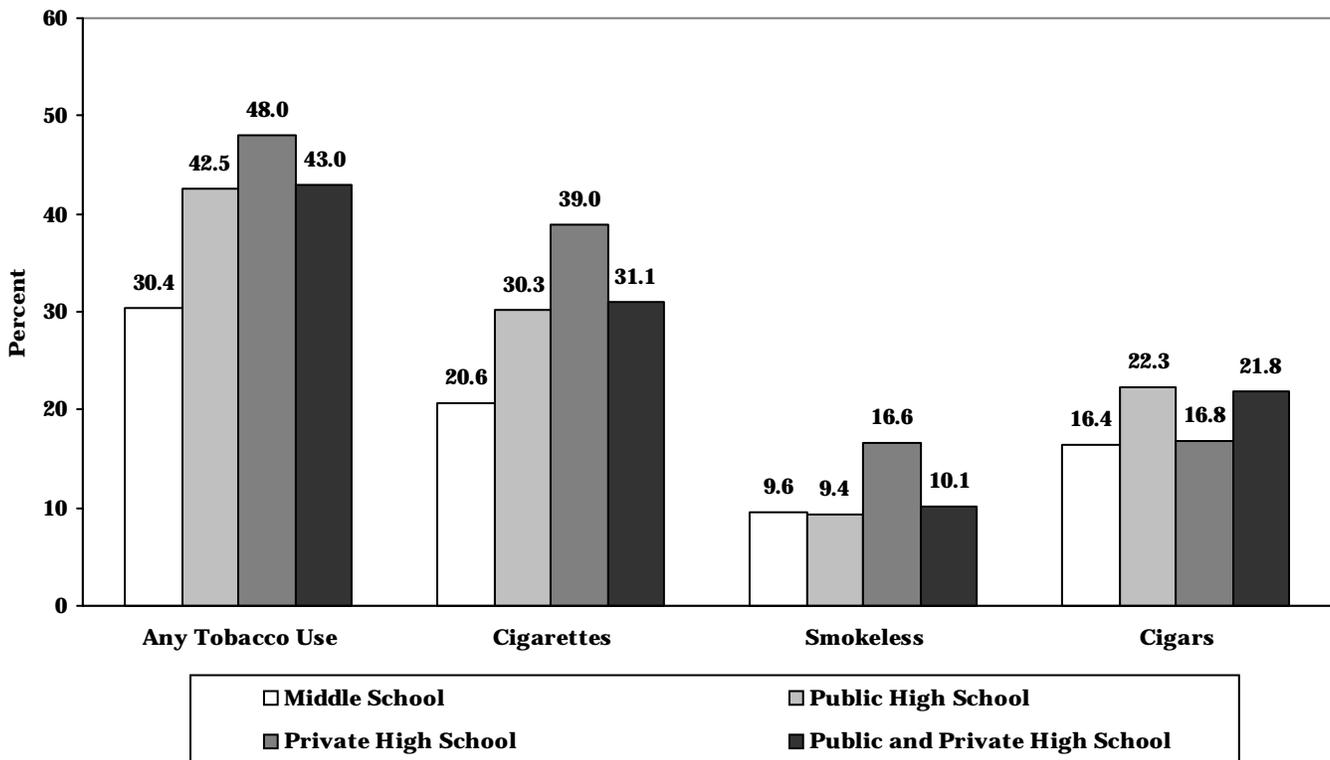
Of the public high schools selected, 83 percent agreed to participate in this survey. Of the students selected within these schools, 90 percent of the students responded to the survey, providing an overall response rate of 75 percent and a final number of 1,710 respondents. Of the nonpublic high schools selected, 80 percent agreed to participate in this survey. Of the students selected within these schools, 88 percent of the students responded to the survey, providing an overall response rate of 70 percent and a final number of 1,537 respondents. Of the public middle schools selected, 85 percent agreed to participate in this survey. Of the students selected within these schools, 94 percent of the students responded to the survey, providing an overall response rate of 80 percent and a final number of 1,725 respondents.

A weighting factor was applied to each student record to adjust for non-response at the school, class, and student levels. SUDAAN (Software for the Statistical Analysis of Correlated Data) was used to calculate standard errors for the estimates and 95 percent confidence intervals.

Current Tobacco Use among Middle School and High School Students

- About thirty percent (30.4%) of Mississippi middle school students and 43.0% of Mississippi public and private high school students reported current use of some form of tobacco
- About twenty percent (20.6%) of Mississippi middle school students and 31.1% of Mississippi public and private high school students were current cigarette smokers
- About ten percent (9.6%) of Mississippi middle school students and 10.1% of Mississippi public and private high school students were current users of smokeless tobacco
- About sixteen percent (16.4%) of Mississippi middle school students and 21.8% of Mississippi public and private high school students were current users of cigars
- Smoking was the most popular form of tobacco use as compared to the use of smokeless tobacco or smoke cigars
- Current use of cigarettes was 8.7% more prevalent in private high schools than public high schools
- The current use of smokeless tobacco was 7.2% more prevalent in private high schools than public high schools

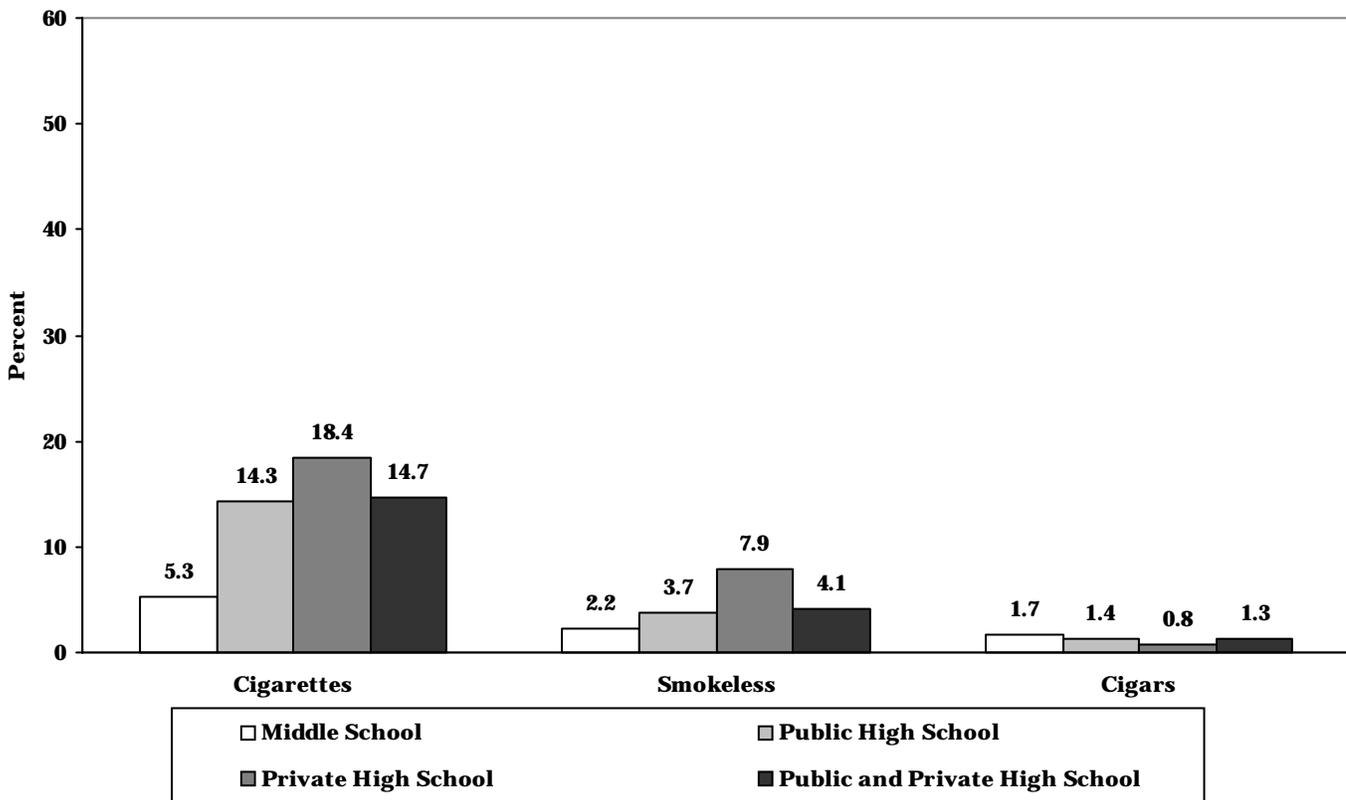
Figure 1: Current Tobacco Use of Middle School and High School Students



Frequent Tobacco Use among Middle School and High School Students

- About five percent (5.3%) of Mississippi middle school students and 14.7% of Mississippi public and private high school students were frequent cigarette smokers
- About two percent (2.2%) of Mississippi public middle school students and 4.1% of Mississippi public and private high school students were frequent users of smokeless tobacco
- Slightly less than two percent (1.7%) of Mississippi public middle school students and 1.3% of Mississippi public and private high school students were frequent users of cigars
- Smoking was the most popular form of frequent tobacco use as compared to the use of smokeless tobacco or smoke cigars
- The prevalence of smokeless tobacco use of Mississippi private high school students was twice that of Mississippi public high school students

Figure 2: Frequent Tobacco Use of Middle School and High School Students



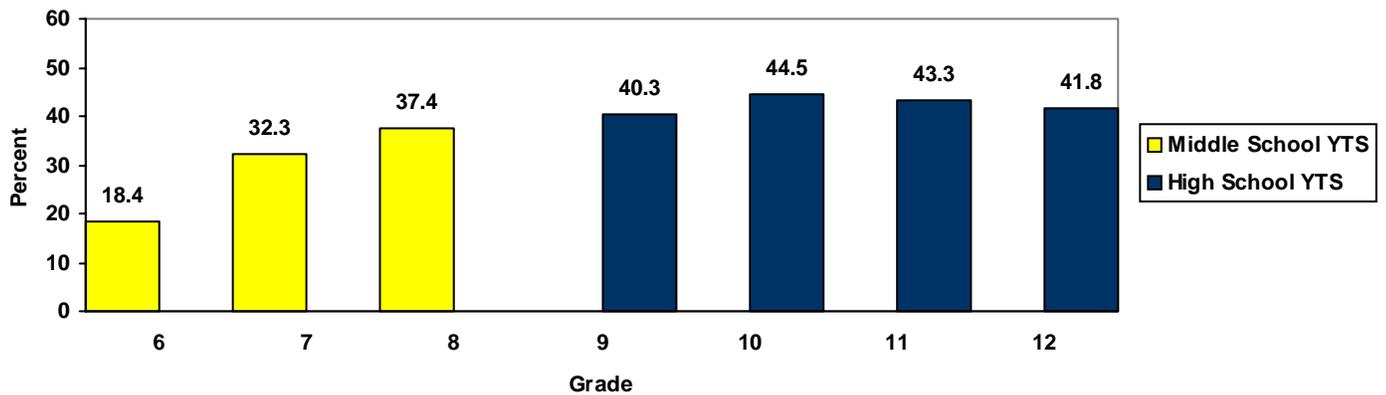
Tobacco Use by Grade -- Public Schools in Mississippi

The prevalence of any form of tobacco use increased with grade level. Among Mississippi middle school students, the prevalence of any form of tobacco use increased from 18.4% among sixth-graders to 32.3% among seventh-graders and to 37.4% among eighth-graders. However, the prevalence rates were fairly stable across the high school grades.

Any Current Tobacco Use:

A respondent was classified as a current user of any tobacco product if he or she answered that he or she used any of the three products (cigarettes, cigars/cigarillos, or smokeless tobacco) on one or more days in the past 30 days.

Figure 3: Any Current Tobacco Use by Grade



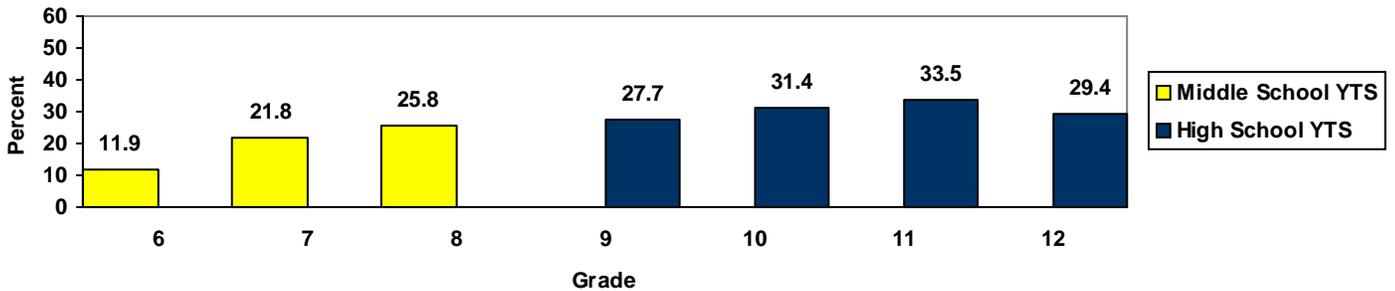
Tobacco Use by Grade -- Public Schools in Mississippi

Almost 12 percent (11.9%) of sixth-graders have initiated cigarette smoking. The prevalence of current uses increased from a sixth grade level of 11.9% to a seventh grade level of 21.8%, and then increases steadily through the 11th grade to 33.5%.

Current Cigarette Smokers:

Current smokers are those who answered that they have smoked cigarettes on one or more days in the past 30 days.

Figure 4: Current Cigarette Smokers by Grade

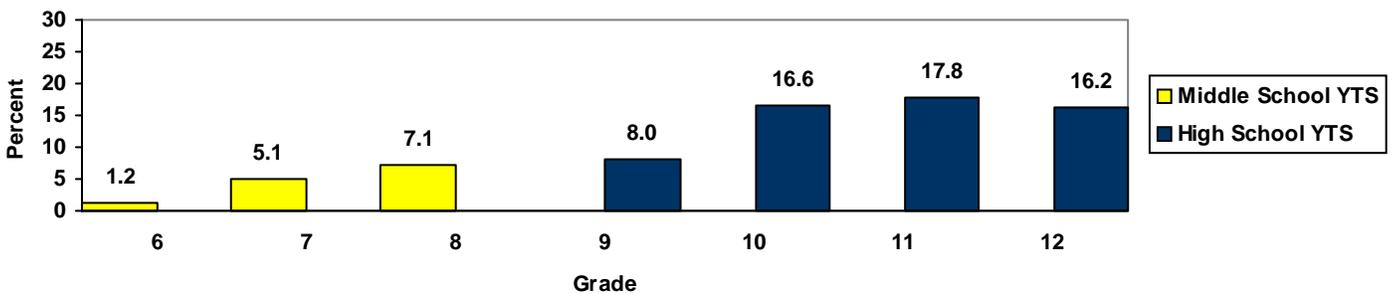


Frequent cigarette smoking steadily increased through the ninth grade, then increased dramatically from 8.0% among ninth-graders to 16.6% among tenth-graders. Frequent smoking remained stable across the 10th, 11th, and 12th grades.

Frequent Cigarette Smokers:

Frequent smokers are those who answered that they have smoked cigarettes on 20 to 29 or 30 days in the past 30 days.

Figure 5: Frequent Cigarette Smokers by Grade



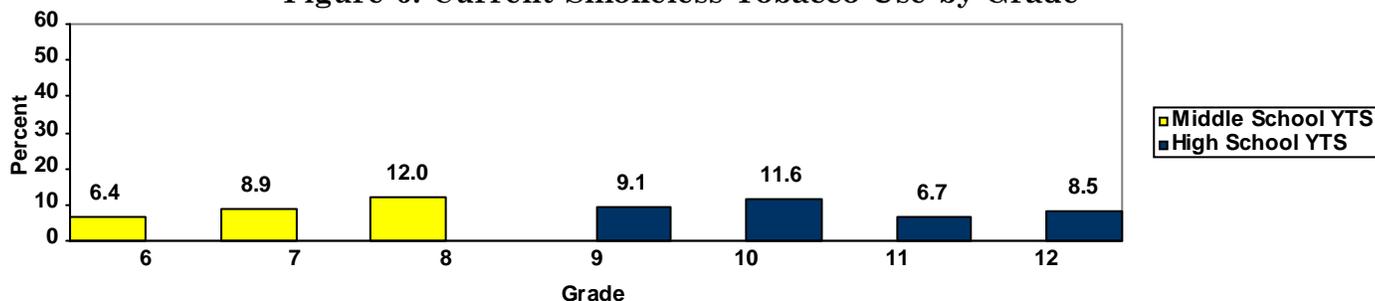
Tobacco Use by Grade -- Public Schools in Mississippi

The prevalence of smokeless tobacco use among sixth-graders was 6.4%, and increased steadily across grade levels in middle school. Among high school students, the use of smokeless tobacco fluctuated across grade levels.

Current Smokeless Tobacco Use:

Current users are those who answered that they have used chewing tobacco or snuff on one or more days in the past 30 days.

Figure 6: Current Smokeless Tobacco Use by Grade

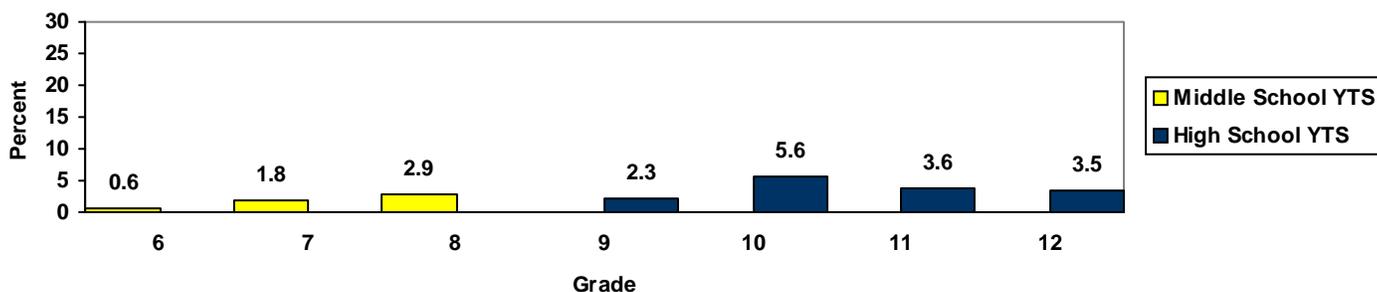


Less than one percent (0.6%) of sixth-graders frequently used smokeless tobacco. These rates increased only slightly across grade levels, peaking at 5.6% in the 10th grade.

Current Smokeless Tobacco Use:

Frequent users are those who answered that they have used chewing tobacco or snuff on 20 to 29 or 30 days the past 30 days.

Figure 7: Frequent Smokeless Tobacco Use by Grade



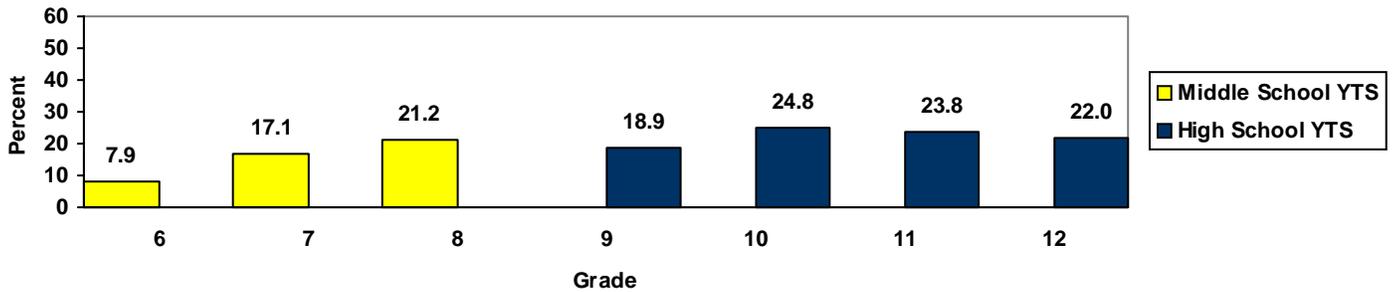
Tobacco Use by Grade -- Public Schools in Mississippi

The prevalence of cigar smoking increased from 7.9% among sixth-graders to 17.1% among seventh-graders and to 21.2% among eighth-graders. Among Mississippi public high school students, the prevalence of cigar use fluctuated across grade levels.

Current Cigar/Cigarillo Use:

Current cigar smokers are those who answered that they have smoked a cigar, cigarillo, or little cigar on one or more days in the past 30 days.

Figure 8: Current Cigar/Cigarillo Use by Grade

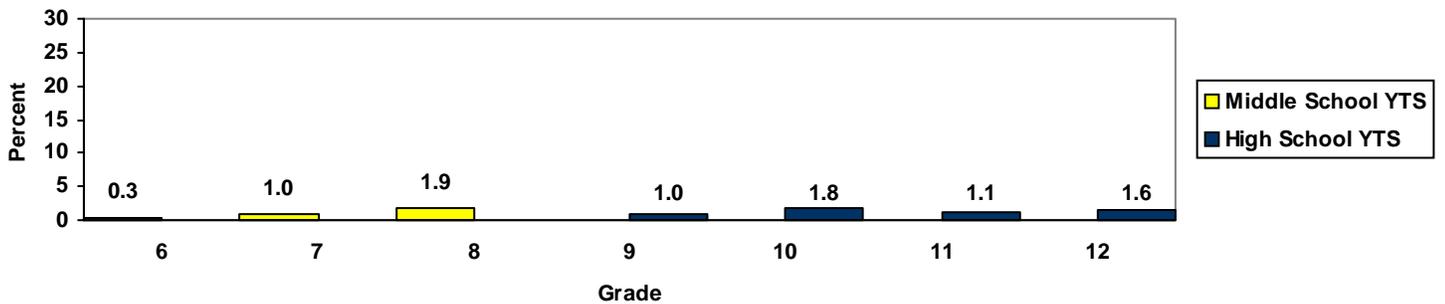


Among public middle and high school students, the frequent use of cigars remained below 2.0% across grade levels.

Frequent Cigar/Cigarillo Use:

Frequent cigar smokers are those who answered that they have smoked a cigar, cigarillo, or little cigar on one or more days in the past 30 days.

Figure 9: Frequent Cigar/Cigarillo Use by Grade



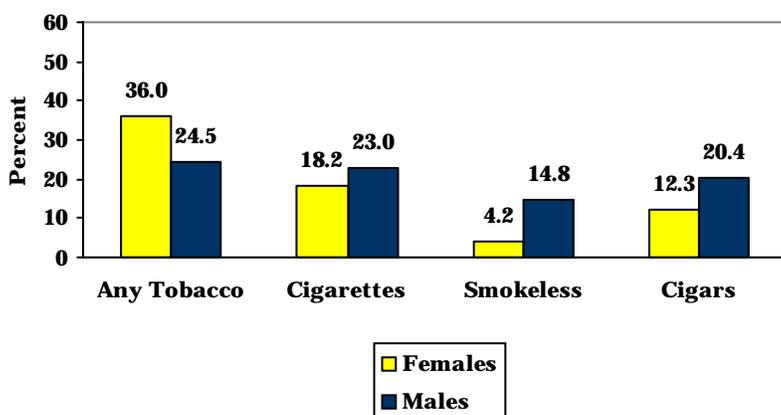
Tobacco Use by Sex -- Public Schools in Mississippi

Any Current Tobacco Use by Sex

Public Middle Schools

Among Mississippi middle school students, males were more likely than females to use tobacco in any form. Cigarettes appeared to be the most popular form of tobacco use among both male and female middle school students in Mississippi.

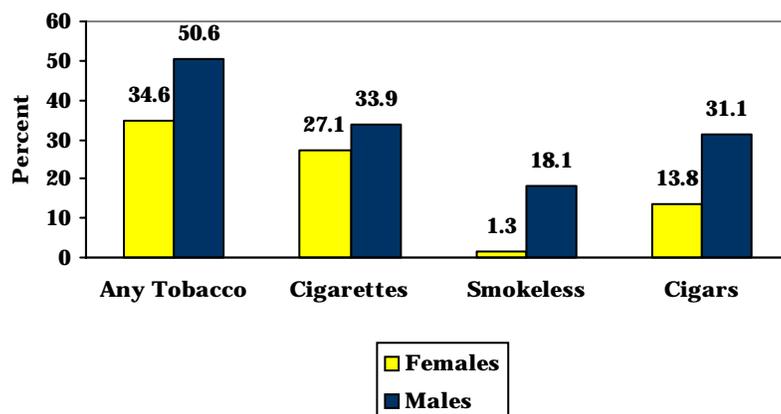
Figure 10: Current Tobacco Use by Sex



Public High Schools

Among Mississippi high school students, males were more likely than females to use tobacco in any form. Cigarettes appeared to be the most popular form of tobacco use among both male and female middle school students in Mississippi.

Figure 11: Current Tobacco Use by Sex



Definitions

- Current use of any tobacco product refers to the use of cigarettes, smokeless tobacco, or cigars/cigarillos on at least one of the 30 days preceding the survey.
- Current use of cigarettes refers to the use of cigarettes on at least one of the 30 days preceding the survey.
- Frequent use of cigarettes refers to the use of cigarettes one at least 20-30 days preceding the survey.
- Current use of smokeless tobacco refers to the use of smokeless tobacco on at least one of the 30 days preceding the survey.

Tobacco Use by Sex -- Public Schools in Mississippi

Definitions

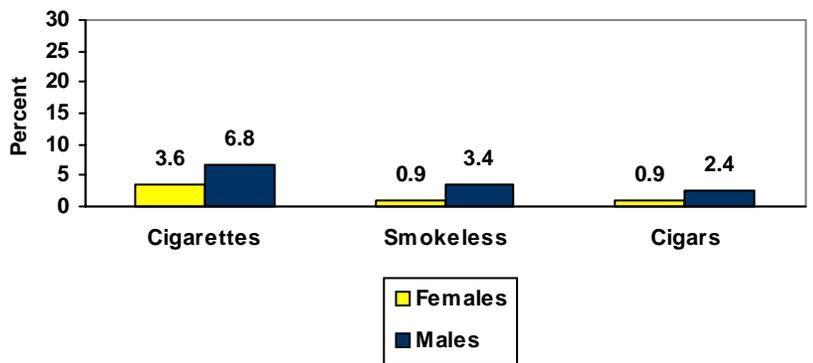
- Frequent use of smokeless tobacco refers to the use of smokeless tobacco on at least 20-30 days preceding the survey.
- Current use of cigars/cigarillos refers to the use of cigars/cigarillos on at least one of the 30 days preceding the survey.
- Frequent use of cigars/cigarillos refers to the use of cigars/cigarillos on at least 20-30 days preceding the survey.

Any Frequent Tobacco Use by Sex

Public Middle Schools

Among Mississippi middle school students, males were more likely than females to frequently use cigarettes, smokeless tobacco, and cigars/cigarillos.

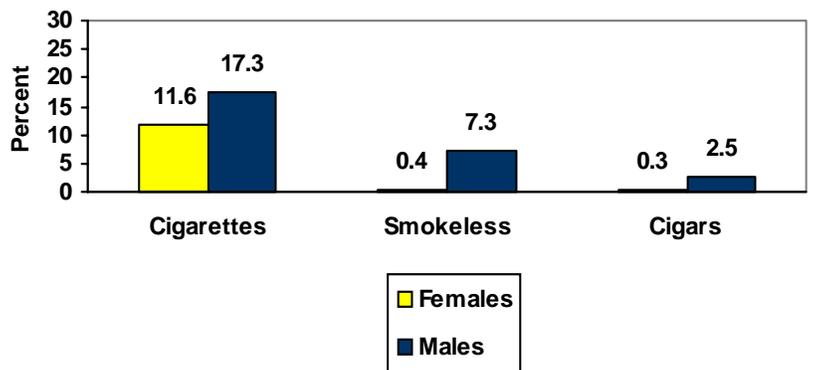
Figure 12: Frequent Tobacco Use by Sex



Public High Schools

Among Mississippi high school students, males were more likely than females to frequently use cigarettes, smokeless tobacco, and cigars/cigarillos.

Figure 13: Frequent Tobacco Use by Sex



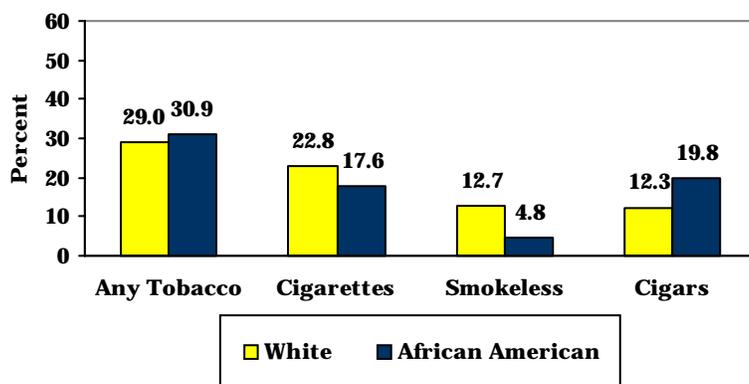
Tobacco Use by Race -- Public Schools in Mississippi

Any Current Tobacco Use by Race

Public Middle Schools

Among middle school students, there were no racial difference in the use of any tobacco. However, white respondents were more likely than African Americans to smoke cigarettes or use smokeless tobacco, whereas African Americans were more likely to smoke cigars than white respondents.

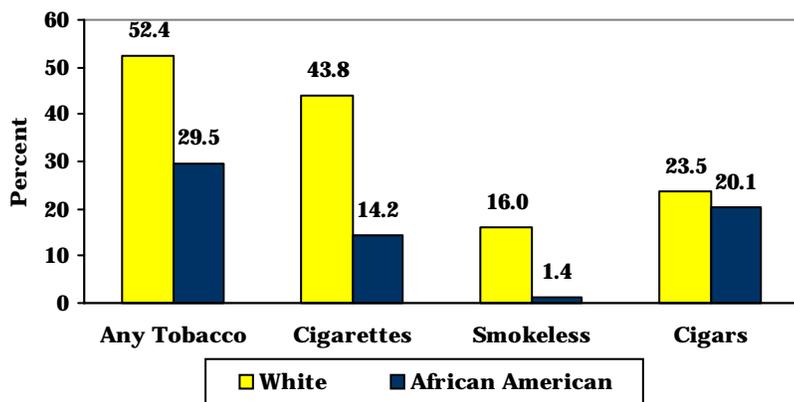
Figure 14: Current Tobacco Use by Race



Public High Schools

Differences by race were noticeably greater among high school students. White respondents were substantially more likely than African Americans to use tobacco in any form, to smoke cigarettes, and to use smokeless tobacco.

Figure 15: Current Tobacco Use by Race



Definitions

- Current use of any tobacco product refers to the use of cigarettes, smokeless tobacco, or cigars/ cigarillos on at least one of the 30 days preceding the survey.
- Current use of cigarettes refers to the use of cigarettes on at least one of the 30 days preceding the survey.
- Frequent use of cigarettes refers to the use of cigarettes on at least 20-30 days preceding the survey.
- Current use of smokeless tobacco refers to the use of smokeless tobacco on at least one of the 30 days preceding the survey.

Tobacco Use by Race -- Public Schools in Mississippi

Definitions

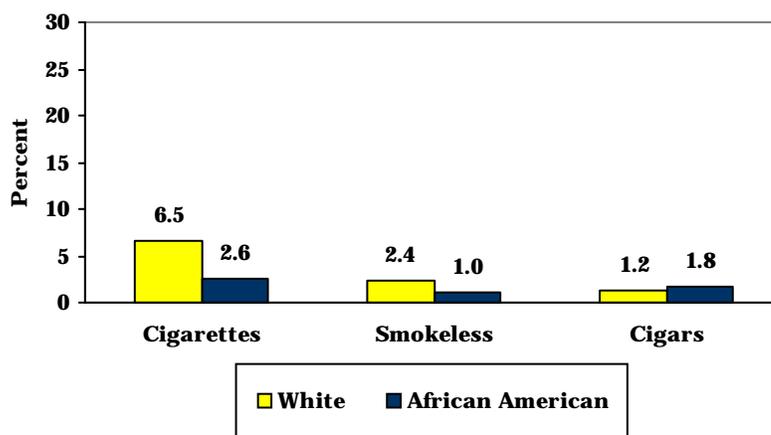
- Frequent use of smokeless tobacco refers to the use of smokeless tobacco on at least 20-30 days preceding the survey.
- Current use of cigars/cigarillos refers to the use of cigars/cigarillos on at least one of the 30 days preceding the survey.
- Frequent use of cigars/cigarillos refers to the use of cigars/cigarillos on at least 20-30 days preceding the survey.

Any Frequent Tobacco Use by Race

Public Middle Schools

Among middle school students, white respondents were more likely to frequently use any form of tobacco and to frequently smoke cigarettes.

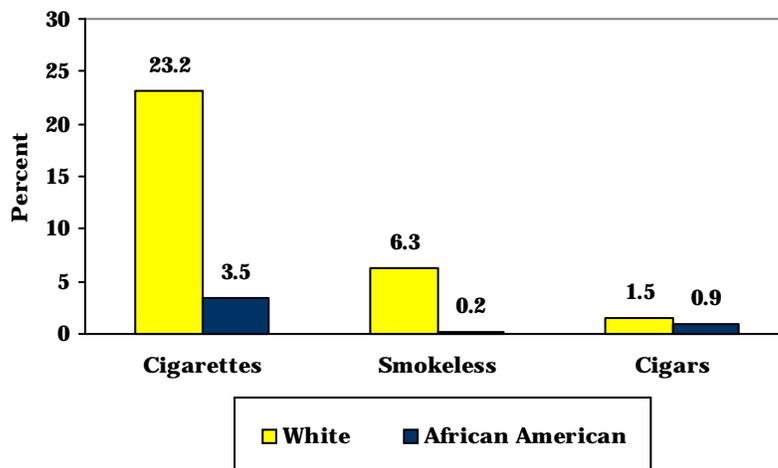
Figure 16: Frequent Tobacco Use by Race



Public High Schools

The prevalence of frequent tobacco use increased in high school, but only among white respondents.

Figure 17: Frequent Tobacco Use by Race



Average Age of First Cigarette Use

The analysis of average age of first cigarette use follows the example of the analysis conducted on the Florida Youth Tobacco Survey. The same Youth Tobacco survey item was used in both the high school and middle school surveys. However, the response categories differed.

How old were you when you smoked a whole cigarette for the first time?

- a. *I have never smoked a whole cigarette*
- b. *8 years old or younger*

Middle School

- c. *9 years old*
- d. *10 years old*
- e. *11 years old*
- f. *12 years old*
- g. *13 years old*
- h. *14 years old or older*

High School

- 9 or 10 years old*
- 11 or 12 years old*
- 13 or 14 years old*
- 15 or 16 years old*
- 17 years old or older*
- (Not an available response)*

For the middle school survey, each response category was assigned to the age it represented, with the exception of (b) which was assigned a value of 8 and (h) which was assigned a value of 14. For the high school survey, each response (b) through (g), was assigned a numeric value as follows: b=8, c=9.5, d=11.5, e=13.5, f=15.5, and g=17. Mean age was determined using the assigned values for those who indicated that they had smoked at least one whole cigarette.

Average Age of First Cigarette Use

Figure 18: Average Age of First Whole Cigarette Use—Public Middle School

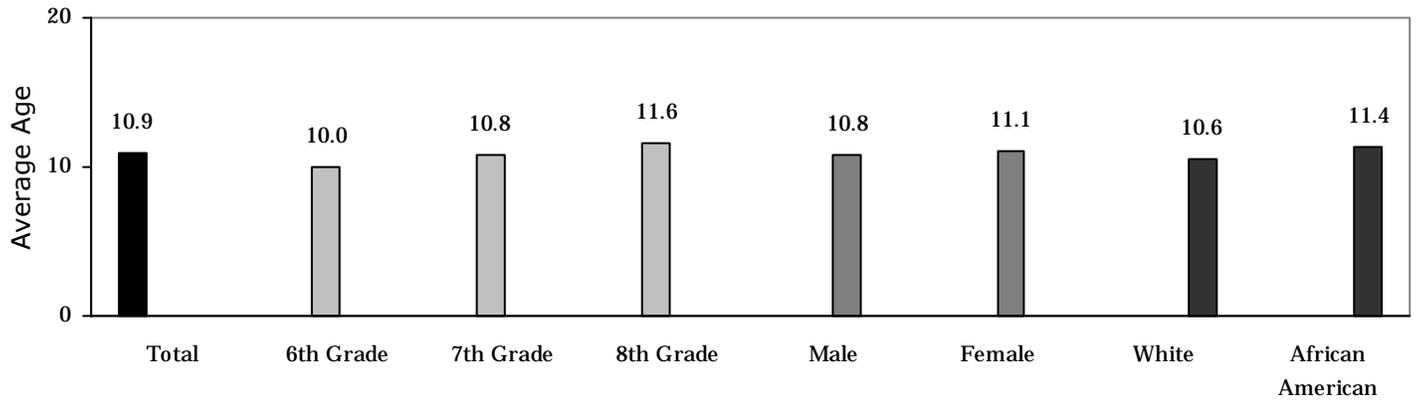
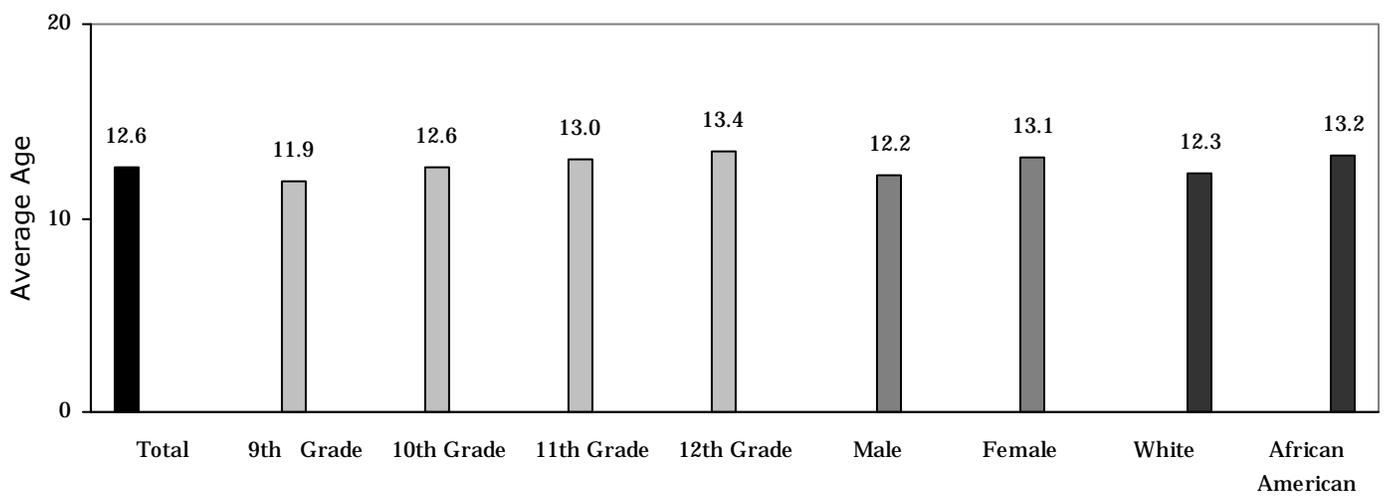


Figure 19: Average Age of First Whole Cigarette Use—Public High School



Mississippi Public High School Trends (YRBS & YTS Data)

The Youth Risk Behavior Survey (YRBS) was developed by the Division of Adolescent and School Health, National Center for Chronic Disease Prevention and Health Promotion, Centers for Disease Control and Prevention in collaboration with representatives from state and local departments of education and many federal agencies, to monitor priority health-risk behaviors that contribute to the leading causes of mortality, morbidity, and social problems among youth. These behaviors fall into six categories: behaviors that result in unintentional and intentional injuries, tobacco use, alcohol and other drug use, sexual behaviors dietary practices, and physical activity. All regular public schools in Mississippi containing grades 9, 10, 11, or 12 are included in the sampling frame.

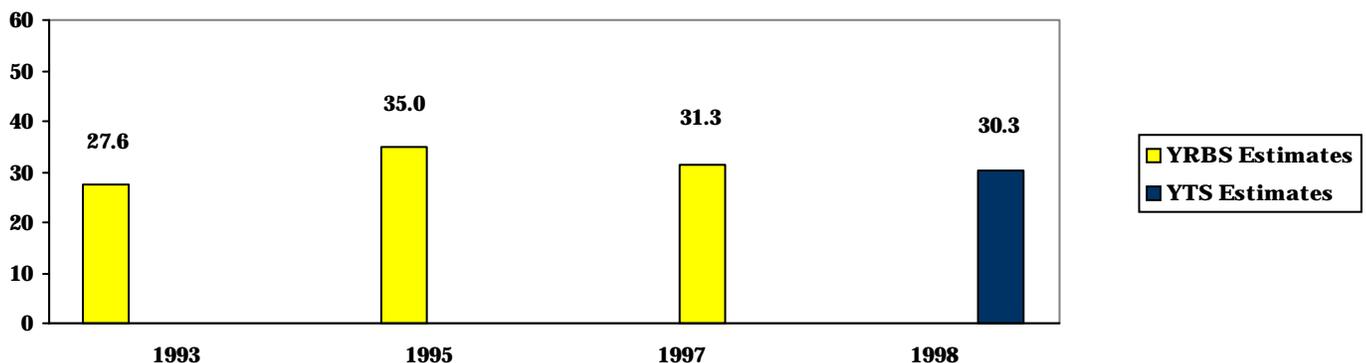
Note that comparisons of Youth Tobacco Survey (YTS) estimates with those of the Youth Risk Behavior Survey (YRBS) must be interpreted with caution because the YTS is a single-topic survey (tobacco), and the YRBS is a multi-topic survey. The effect of the number of topics surveyed on the resulting estimates is unknown.—CDC. Tobacco use among middle and high school students—United States, 1999. MMWR, 2000, 49:49-53.

About 28 percent (27.6%) of Mississippi high school students were current cigarette smokers in 1993, this rate rose to 35.0% in 1995. In 1998, about 30.3% of Mississippi high school students reported current cigarette use.

Current Cigarette Smokers:

Current use of cigarettes refers to the use of cigarettes on at least one of the 30 days preceding the survey.

Figure 20: Current Cigarette Smokers in MS Public High Schools



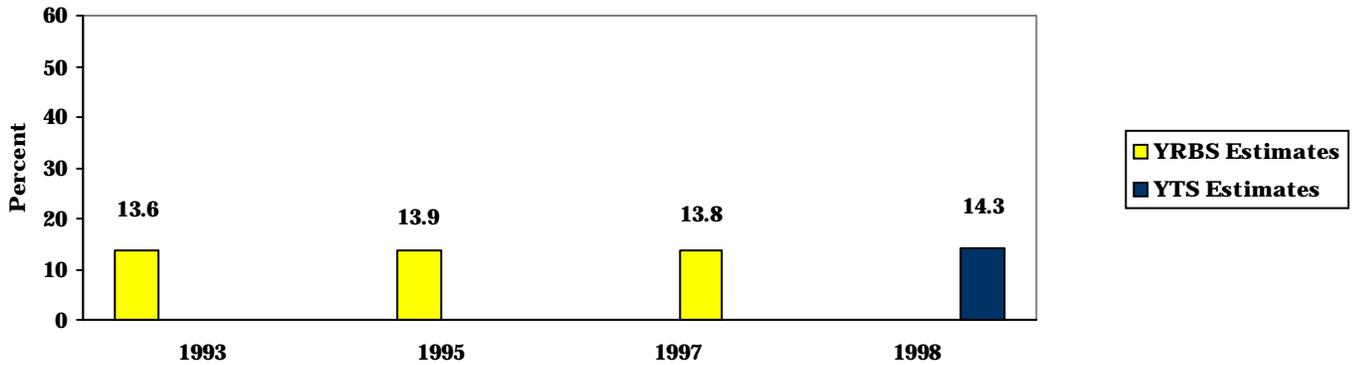
Mississippi Public High School Trends (YRBS & YTS Data)

In 1993, 13.6% of Mississippi high school students were frequent cigarette smokers. This rate has been fairly stable over the past few years.

Frequent Cigarette Smokers

Frequent use of cigarettes refers to the use of cigarettes on at least 20 of the 30 days preceding the survey.

Figure 21: Frequent Cigarette Smokers in MS Public High Schools

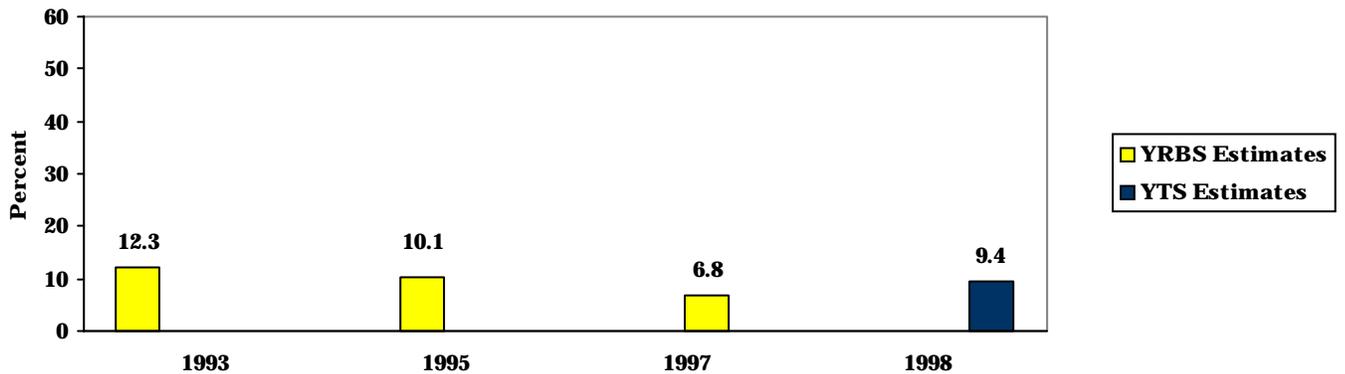


In 1993, 12.3% of Mississippi high school students were current users of smokeless tobacco. This rate had decreased to 6.8% by 1997. However, this rate rose to 9.4% in 1998.

Current Smokeless Tobacco Use

Current use of smokeless tobacco refers to the use of smokeless tobacco on at least one of the 30 days preceding the survey.

Figure 22: Current Smokeless Tobacco Use in MS Public High Schools



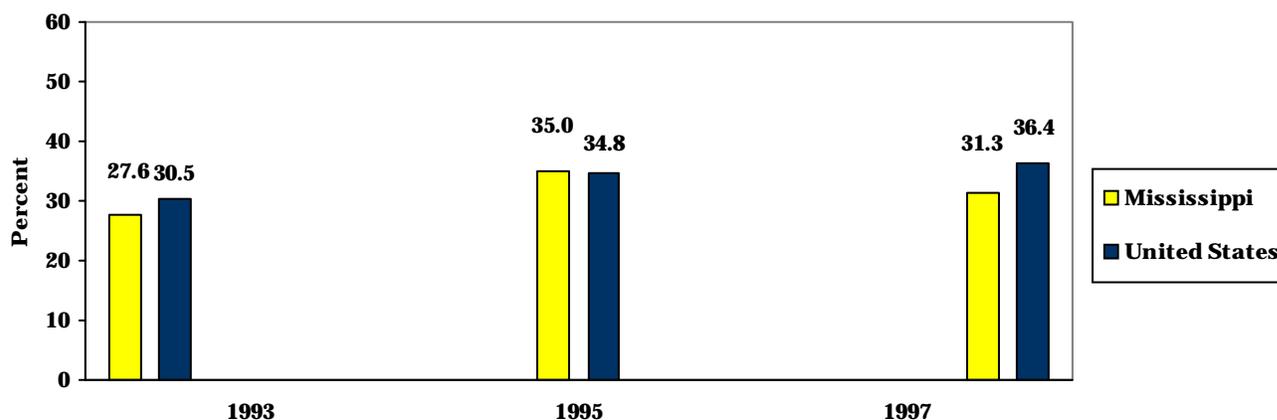
Comparison of National and Mississippi Public High Schools

The percentage of high school students across the nation who report current cigarette use has risen from 1993 to 1997. However, this percentage decreased among Mississippi high school students report from 1995 to 1997.

Current Cigarette Smoker:

Current use of cigarettes refers to the use of cigarettes on at least one of the 30 days preceding the survey.

Figure 23: Current Cigarette Smoker



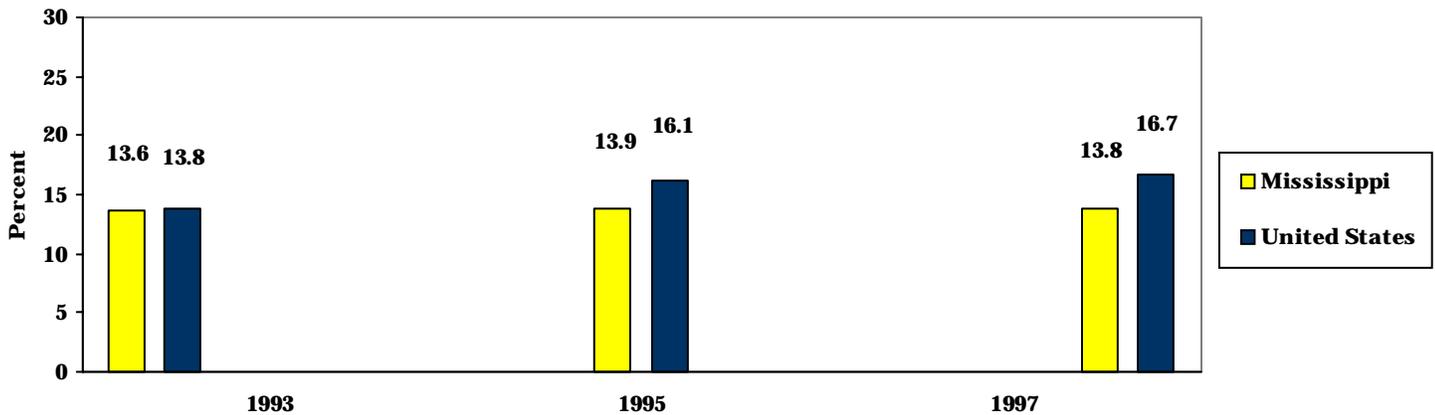
Comparison of National and Mississippi Public High Schools

The percentage of high school students across the nation who report frequent cigarette use was fairly stable between 1993 and 1997. However the prevalence of frequent cigarette use rose from 13.8 percent to 16.7 percent among Mississippi high school students.

Frequent Cigarette Smoker:

Frequent use of cigarettes refers to the use of cigarettes on at least 20 30 days preceding the survey.

Figure 24: Frequent Cigarette Smoker

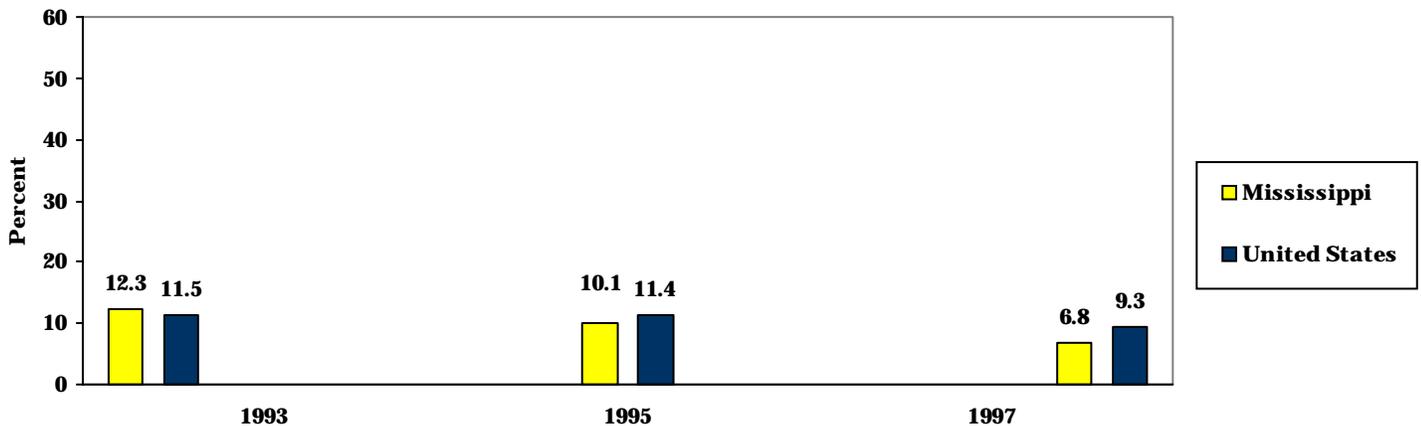


The percentage of high school students across the nation who report current smokeless tobacco use decreased by almost 50 percent from 1993 to 1997. However, this rate has been fairly stable among Mississippi high school students during this period, with a slight decrease from 1995 to 1997.

Current Smokeless Tobacco Use:

Current use of smokeless tobacco refers to the use of smoke less tobacco on at least one of the 30 days preceding the survey.

Figure 25: Current Smokeless Tobacco Use



Detailed Tables

Tobacco Use - Public Middle School

Percentage of Mississippi public middle school students who use cigarettes, smokeless tobacco, or cigars by sex, race, and grade - Mississippi Youth Tobacco Survey, 1998

Demographic Characteristic	Any Current Tobacco Use		Cigarette Use				Smokeless Tobacco Use				Cigar Use			
			Current		Frequent		Current		Frequent		Current		Frequent	
	%	95% CI	%	95% CI	%	95% CI	%	95% CI	%	95% CI	%	95% CI	%	95% CI
Total	30.4	± 3.1	20.6	± 2.7	5.3	± 1.7	9.6	± 1.9	2.2	± 1.0	16.4	± 3.2	1.7	± 1.0
Male	36.0	± 3.3	23.0	± 3.0	6.8	± 2.2	14.8	± 3.6	3.4	± 1.8	20.4	± 3.5	2.4	± 1.5
Female	24.5	± 5.2	18.2	± 4.1	3.6	± 1.9	4.2	± 1.5	0.9	± 0.7	12.3	± 4.1	0.9	± 0.7
White	30.9	± 4.1	22.8	± 3.9	6.5	± 2.6	12.7	± 2.8	2.4	± 1.8	12.3	± 2.1	1.2	± 1.4
African American	29.0	± 5.8	17.6	± 3.4	2.6	± 1.3	4.8	± 1.7	1.0	± 0.9	19.8	± 5.0	1.8	± 1.1
6	18.4	± 2.8	11.9	± 2.3	1.2	± 0.8	6.4	± 2.3	0.6	± 0.3	7.9	± 1.9	0.3	± 0.5
7	32.3	± 7.3	21.8	± 6.5	5.1	± 2.3	8.9	± 3.5	1.8	± 1.3	17.1	± 7.7	1.0	± 1.0
8	37.4	± 4.8	25.8	± 4.7	7.1	± 3.5	12.0	± 3.8	2.9	± 1.6	21.2	± 3.6	1.9	± 1.3

Tobacco Use - Public High School

Percentage of Mississippi public high school students who use cigarettes, smokeless tobacco, or cigars by sex, race, and grade - Mississippi Youth Tobacco Survey, 1998

Demographic Characteristic	Any Current Tobacco Use		Cigarette Use				Smokeless Tobacco Use				Cigar Use			
			Current		Frequent		Current		Frequent		Current		Frequent	
	%	95% CI	%	95% CI	%	95% CI	%	95% CI	%	95% CI	%	95% CI	%	95% CI
Total	42.4	± 4.4	30.3	± 3.8	14.3	± 2.5	9.4	± 2.6	3.7	± 1.6	22.3	± 3.6	1.4	± 0.8
Male	50.6	± 4.5	33.9	± 3.9	17.3	± 3.4	18.1	± 4.0	7.3	± 0.4	31.1	± 5.1	2.5	± 1.3
Female	34.6	± 5.1	27.1	± 4.5	11.6	± 2.3	1.3	± 1.3	.4	± 3.0	13.8	± 3.0	.3	± 0.5
White	52.4	± 3.9	43.8	± 4.0	23.2	± 4.0	16.0	± 3.7	6.3	± 2.7	23.5	± 4.1	1.5	± 0.9
African American	29.5	± 4.8	14.2	± 2.5	3.5	± 1.5	1.4	± 1.2	.2	± 0.5	20.1	± 4.7	.9	± 0.9
9	40.3	± 5.3	27.7	± 5.0	8.0	± 2.9	9.1	± 3.2	2.3	± 1.4	18.9	± 5.2	1.0	± 1.0
10	44.5	± 6.4	31.4	± 6.6	16.6	± 5.4	11.6	± 4.1	5.6	± 3.9	24.8	± 7.9	1.8	± 1.0
11	43.3	± 7.0	33.5	± 6.4	17.8	± 6.0	6.7	± 4.5	3.6	± 2.7	23.8	± 5.1	1.1	± 1.2
12	41.8	± 7.4	29.4	± 6.8	16.2	± 5.8	8.5	± 2.6	3.5	± 2.0	22.0	± 5.7	1.6	± 1.2

Detailed Tables

Tobacco Use - Private High School

Percentage of Mississippi private high school students who use cigarettes, smokeless tobacco, or cigars by sex, race, and grade - Mississippi Youth Tobacco Survey, 1998

Demographic Characteristic	Any Current Tobacco Use		Cigarette Use				Smokeless Tobacco Use				Cigar Use			
	%	95% CI	Current		Frequent		Current		Frequent		Current		Frequent	
			%	95% CI	%	95% CI	%	95% CI	%	95% CI	%	95% CI	%	95% CI
Total	48.0	± 6.2	39.0	± 5.3	18.4	± 3.0	16.6	± 4.7	7.9	± 2.4	16.8	± 3.7	0.8	± 0.3
Male	58.1	± 5.0	41.6	± 5.1	19.3	± 2.4	31.1	± 6.1	14.9	± 4.1	27.5	± 4.3	1.6	± 0.5
Female	37.0	± 6.4	36.3	± 6.3	17.3	± 3.9	1.2	± 1.2	0.3	± .6	5.3	± 2.2	0.0	± 0.0
White	47.9	± 6.5	38.9	± 5.3	18.1	± 3.4	16.5	± 4.8	8.1	± 2.6	16.3	± 3.4	0.7	± 0.4
African American	*		*		*		*		*		*		*	
9	39.2	± 9.2	30.4	± 6.9	9.4	± 3.3	13.7	± 8.4	3.4	± 4.7	14.4	± 4.5	0.9	± 0.9
10	44.3	± 9.4	37.3	± 9.2	14.2	± 3.7	15.8	± 7.3	8.0	± 5.9	13.0	± 7.5	0.6	± 0.4
11	52.9	± 8.1	42.9	± 8.8	25.8	± 8.0	18.9	± 5.1	9.7	± 9.2	19.5	± 4.3	0.9	± 1.3
12	56.5	± 5.1	46.6	± 7.0	24.4	± 7.9	18.2	± 3.9	10.8	± 9.4	20.1	± 4.1	0.7	± 0.5

Tobacco Use - Public and Private High Schools

Percentage of Mississippi public and private high school students who use cigarettes, smokeless tobacco, or cigars by sex, race, and grade - Mississippi Youth Tobacco Survey, 1998

Demographic Characteristic	Any Current Tobacco Use		Cigarette Use				Smokeless Tobacco Use				Cigar Use			
	%	95% CI	Current		Frequent		Current		Frequent		Current		Frequent	
			%	95% CI	%	95% CI	%	95% CI	%	95% CI	%	95% CI	%	95% CI
Total	43.0	± 4.0	31.1	± 3.5	14.7	± 2.3	10.1	± 2.2	4.1	± 1.5	21.8	± 3.2	1.3	± 0.7
Male	51.2	± 4.1	34.7	± 3.5	17.5	± 3.1	19.4	± 3.5	8.0	± 2.7	30.8	± 4.5	2.5	± 1.2
Female	35.2	± 4.6	27.9	± 4.1	12.1	± 2.1	1.3	± 1.2	0.4	± 0.4	13.1	± 2.7	0.2	± 0.4
White	51.9	± 3.5	43.1	± 3.6	22.4	± 3.3	16.1	± 3.1	6.7	± 2.4	22.4	± 3.3	1.4	± 0.8
African American	29.3	± 5.1	14.2	± 2.5	3.5	± 1.5	1.5	± 1.2	0.3	± 0.5	20.0	± 4.7	0.9	± 0.9
9	39.9	± 5.4	27.9	± 4.7	8.1	± 2.7	9.5	± 3.0	2.3	± 1.3	18.6	± 4.6	1.1	± 1.0
10	44.8	± 6.1	31.9	± 5.8	16.5	± 4.9	12.0	± 3.7	5.7	± 1.8	23.7	± 7.0	1.7	± 0.9
11	44.6	± 5.9	34.5	± 5.5	18.8	± 5.1	8.0	± 4.2	4.3	± 1.9	23.3	± 4.4	1.0	± 1.0
12	43.5	± 7.1	31.2	± 6.5	16.9	± 5.5	9.6	± 2.6	4.3	± 1.8	21.8	± 5.1	1.4	± 1.1

1998

Mississippi Youth Tobacco Survey



Current Tobacco Use

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